

N. SILVERTHORN.
BOOT OR SHOE TIP.

No. 26,329.

Patented Nov. 29, 1859.

Fig. 1.

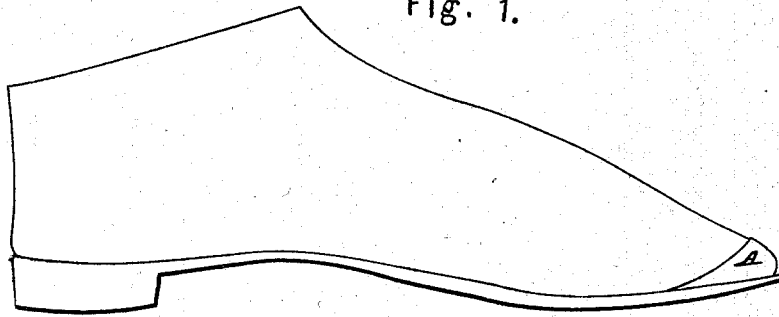


Fig. 2.

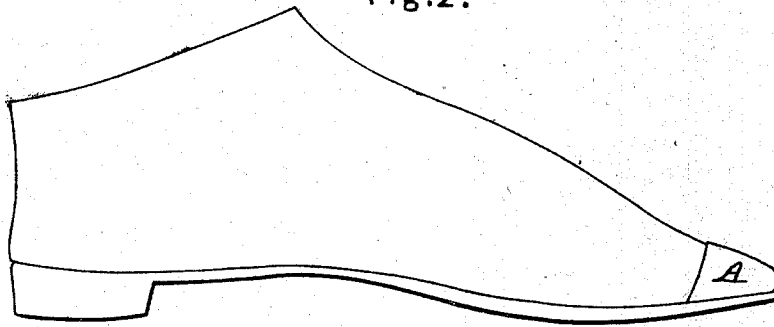


Fig. 3.

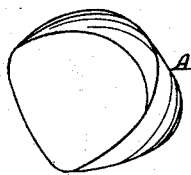
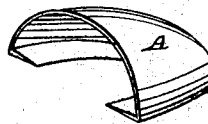


Fig. 4.



Witnesses:

C. F. Weisner
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Inventor:

Nathan Silverthorn

UNITED STATES PATENT OFFICE.

NEWMAN SILVERTHORN, OF PRESCOTT, WISCONSIN, ASSIGNOR TO JAMES M. ALLEN, OF
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BOOT AND SHOE TIP.

Specification forming part of Letters Patent No. 26,329, dated November 29, 1859; Reissued
September 2, 1862, No. 1,339.

To all whom it may concern:

Be it known that I, NEWMAN SILVERTHORN, of Prescott, in the county of Pierce and State of Wisconsin, have invented or
5 discovered a new article of manufacture—viz., a Shoe-Tip Made of Manufactured Rubber or Gutta-Percha; and I do hereby declare the following to be a full, clear, and
10 exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figures 1, and 2, represent shoes with the tips in question upon them. Figs. 3, and 4,
15 represent the tips separate from the shoes.

My invention consists in a new article of manufacture designed for boots or shoes,
20 viz.:—a tip to be placed on or over the toe of the boot or shoe, which tip is made of prepared or manufactured rubber or gutta percha, such a tip making a neat finish, and
25 being more durable than the leather or other article of which shoes are ordinarily made. It protects that part of the shoe most liable to be worn out, and altogether makes a better and more merchantable shoe than any
heretofore known with tips upon them.

I am aware that leather tips have been known and used for a long time; and that
30 metallic tips have been made and patented. I lay no claim to either of these things. I make a tip that is more ornamental than the leather, which it resembles very much, and much more durable than leather. Both the
35 leather and the metal are difficult to crimp, fashion, or form so as to make a neat covering for the toe of the shoe. But the prepared rubber may be molded, fashioned, or
40 formed with great ease and perfection, and with a finish equal to the best patent leather. So also may the gutta percha be molded into
45 form—the nature of the materials of which my tips are composed being such that it can be readily put into any form or shape, and retain its enduring properties, while they
50 admit of a high degree of polish that adds greater market value to the shoes than the leather or metal tips do. "Patent leather" as it is termed is exceedingly difficult to crimp or "tree" into shape, for a boot or
shoe tip, but a prepared rubber or gutta percha tip can be molded or formed into the
required shape with the greatest facility, and finished to bear the greatest resemblance to patent leather, while it is much cheaper,

more enduring, and much more readily secured to the boot or shoe—Thus in every
55 essential making a better article than either the leather or metal tips heretofore used.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.
60

A, represents the tips in question. They are made of any of the known preparations
65 of rubber or gutta percha, highly finished or plain, the top portion covering so much of the tips or toes of the shoes or boots, as are most subject to wear. The under part of the tip may be long enough to afford a good
70 fastening of it to the shoe, and may extend to the shank of the boot or shoe, so as to form a water proof bottom in addition to the tip. The boots and shoes may be made in
75 any of the usual ways, and of leather, cloth or any of the known material used for such purpose. I place one of the tips over the
80 toe of the boot or shoe, either cementing it to the top of the boot or shoe, or not, as may be preferred. I then put on the outer sole, and peg, nail, or sew through, thus confining
it to its place. For sewed welted work, I last my upper leather, or cloth as above—
85 put on the tip, and close it in with the welt. In applying it to "turns" (shoes or boots that are turned inside out after they are
90 sewn), after the sole is fitted to the last, I reverse the tip, place it on the last, draw on the upper in the usual way, sew all together, as usual in "turn work", and thus confine
all together. And these tips may be used in
95 the manufacture of boots and shoes made in part or entirely by cementing, in which case the tips may be cemented to the sole, or sole and upper both.

Having thus fully described the nature and
100 object of my invention, or discovery, what I claim therein as new and desire to secure as a new article of manufacture, is—

A boot or shoe tip, made of any of the known preparations of india rubber or gutta
105 percha, and to be applied to the boot or shoe in the manner substantially as herein described.

NEWMAN SILVERTHORN.

Witnesses:

C. F. WILSON,
A. O. SNYDER.